

THE DISTANCES SHOWN ARE GROUND DISTANCES. TO OBTAIN THE GRID DISTANCE, CONVERT THE GROUND DISTANCE TO METERS AND MULTIPLY BY THE COMBINED FACTOR OF 0.99992026. THE COMBINED SCALE FACTOR IS DERIVED BY MULTIPLYING THE ELEVATION FACTOR OF 0.99998679 BY THE SCALE FACTOR OF 0.99993347.

MONUMENTATION MAP

T. 17N. R. 2E. W. M.

S * SECTION 19, N * SECTION 30 AND NW 1/4
SECTION 29 THURSTON COUNTY, WASHINGTON



THIS MAP CORRECTLY REPRESENTS A SURVEY
MADE BY THE WASHINGTON STATE DEPARTMENT
OF TRANSPORTATION IN CONFORMANCE WITH THE
REQUIREMENTS OF RCW 58.09.090 (1)(A)



SIGNED _____
P. L. S. NO. 24787
PLANS REVIEW ENGINEER

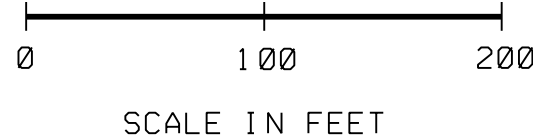
DATE _____

THE PURPOSE OF THIS SURVEY WAS TO ESTABLISH THE BASELINE OF SR 507 THROUGH THE CITY OF YELM FROM 1ST STREET TO THE VICINITY OF BALD HILLS ROAD. THURSTON COUNTY HAD SET SEVERAL TARGET POINTS WITHIN THE AREA AND HAS ASSIGNED STATE PLANE COORDINATES TO THEM BY USING REAL TIME KINEMATICS GLOBAL POSITIONING EQUIPMENT AND PROCEDURES. ALL OF THURSTON COUNTY TARGET POINTS WERE EVALUATED ALONG WITH THE MONUMENTS FOUND FROM RECORDS OF SURVEY IN THE AREA AND WASHINGTON STATE DEPARTMENT OF TRANSPORTATION RIGHT OF WAY PLANS. I HELD THE 2" IRON PIPE AT THE INTERSECTION OF YELM AVE. AND FIRST STREET WITH THE 2" IRON PIPE FOUND AT YELM AVE AND THIRD STREET. I HELD THE DISTANCE OF 315.17 FROM THE SOUTH QUARTER CORNER TO THE CENTERLINE OF SR 507 AS NOTED ON D.R. STRONG SURVEY RECORDED IN AUDITORS NUMBER 3063844. THIS TIE HAD THE BEST FIT TO OTHER SURVEYS AT VANCIL ROAD, PLAZA DRIVE, CREEK STREET AND BALD HILLS ROAD. THE ANGLE POINTS AT STATIONS 1513+62.74 AND 1517+62.96 WERE THE RESULT OF HOLDING THESE POINTS AND THE NORTH-SOUTH QUARTER SECTION LINE FOR SECTION 19 AS DETERMINED BY RECORD OF SURVEY AS RECORDED IN VOL. 20 PAGE 28. THE CURVE, AT STA.1546+89.93 P.I. WAS ESTABLISHED HOLDING THE ANGLE POINT AT STA. 1517+62.96 A.P. AND THE BRASS DISK AT STA. 1544+45.93 P.O.S.T. FOR THE WESTERLY TANGENT AND AS-BUILT CENTERLINE EASTERLY. THIS MATCHED DESIGN CURVE DELTA OF 38°06'. A * REBAR WAS FOUND AT THE SOUTH QUARTER CORNER OF SECTION 19. IT WAS NOTED, ON A FIELD INSPECTION, ON JULY 24, 2000 THURSTON COUNTY HAD REPLACED THE ROD WITH A 3" BRASS SURFACE DISC. SEE THURSTON COUNTY FOR DETAILS.

FILED FOR RECORD THIS _____ DAY OF _____, 20__ AT _____ M.

THURSTON COUNTY ENGINEER

FOUND MONUMENT AS NOTED
THURSTON COUNTY TARGETS
COMPUTED POINT, NOTHING SET



ALL ALIGNMENT AND G.L.O. MONUMENTS WERE TRAVERSED THROUGH USING A SOKKIA SET 3 B IIELECTRONIC TOTAL STATION (A 5 SECOND INSTRUMENT). THE TRAVERSE CLOSURE WAS GREATER THAN 1: 60,000. THURSTON COUNTY TARGET MONUMENTS NUMBER 838 AND 787 WERE HELD FOR BASIS OF BEARINGS ONLY. SEE NARRATIVE FOR BASELINE DETERMINATION.

FOR R/W DATA, SEE SR 507, JCT. SR 510 TO BALD
HILLS RD. VICINITY, APPROVED JUNE 23, 2000.

SR 507
JCT. SR 510 TO
BALD HILLS RD. VICINITY

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIC REGION

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